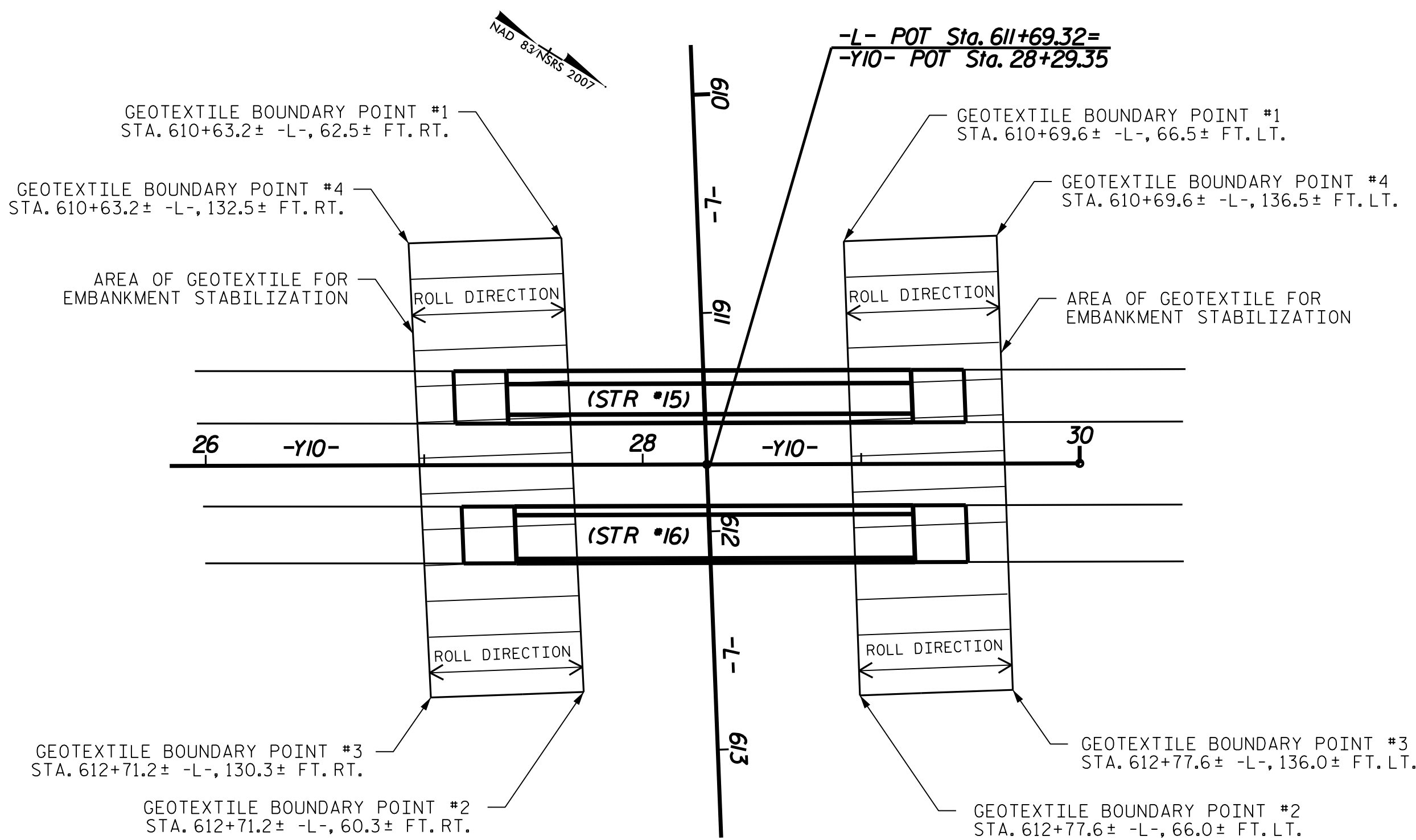




DocuSigned by:
Thein Tun Zan 2/10/2015
A4368828C19472
SIGNATURE DATE

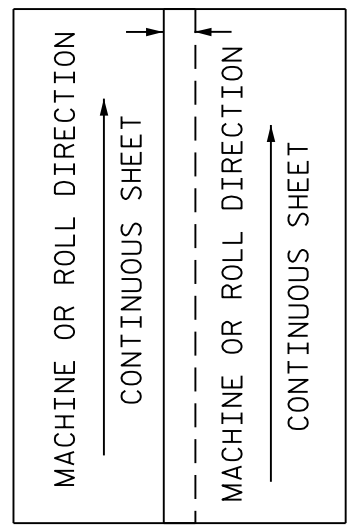
SIGNATURE DATE



BRIDGE ON -Y10- OVER -L-,END BENT 1 & END BENT 2
LOCATION PLAN FOR GEOTEKSTILE FOR EMBANKMENT STABILIZATION

(NOT TO SCALE)

18 INCHES MIN. OVERLAP
OR SEE MANUFACTURER
GUIDELINES IF SEWN.



GEOTEKSTILE OVERLAP DETAIL

(NOT TO SCALE)

NOTES:

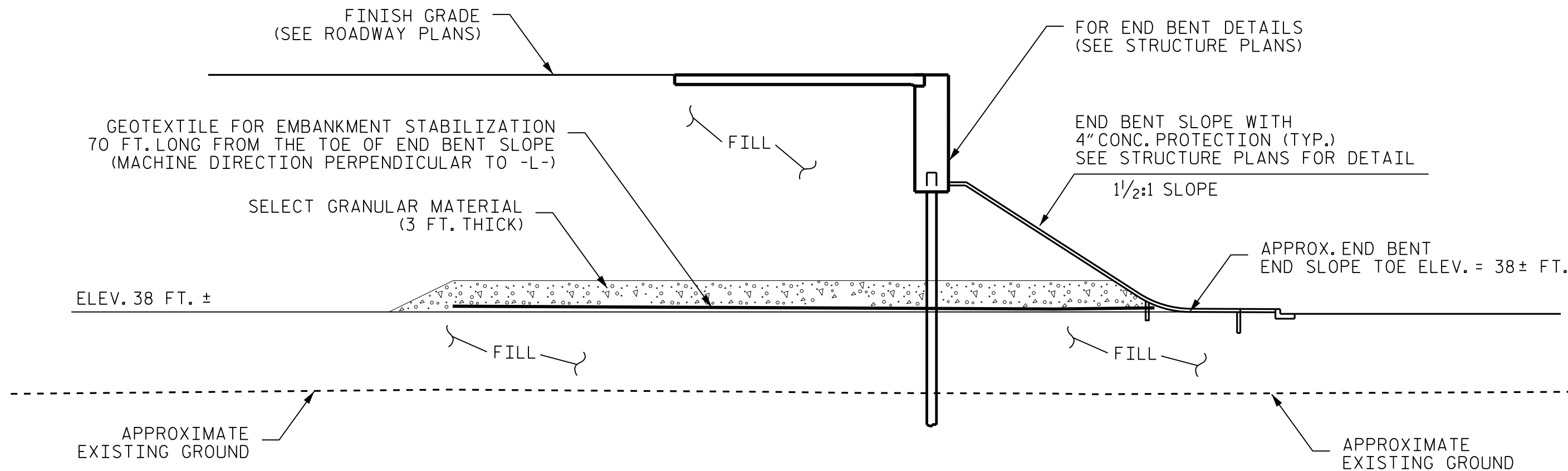
1. FOR GEOTEKSTILE, SEE GEOTEKSTILE FOR EMBANKMENT STABILIZATION SPECIAL PROVISION.
2. DO NOT GURB, ONLY CLEAR THE AREA WITHIN THE LIMITS OF THE GEOTEKSTILE FOR EMBANKMENT STABILIZATION.
3. PLACE GEOTEKSTILE WITHOUT ANY WRINKLES OR CREASES.
4. NO SEAMS OR JOINTS ARE ALLOWED IN THE GEOTEKSTILE MACHINE/ROLL DIRECTION.
5. THE TERM ROLL DIRECTION AND MACHINE DIRECTION ARE USED INTERCHANGABLY.
6. THE MINIMUM OVERLAP BETWEEN ADJACENT GEOTEKSTILE OF THE SAME MACHINE/ROLL DIRECTION IS 18" UNLESS SEWING IS USED TO ACHIEVE THE REQUIRED SEAM STRENGTH.
7. GEOTEKSTILE FOR EMBANKMENT STABILIZATION WITH MACHINE/ROLL DIRECTION PERPENDICULAR TO -L- MUST HAVE A CONTINUOUS LENGTH OF 70 FEET FROM THE TOE OF END SLOPES.
8. FOR SELECT GRANULAR MATERIAL, SEE SECTION 265 OF THE STANDARD SPECIFICATIONS.

CONSTRUCTION SEQUENCE:

1. PLACE FILL FOR EMBANKMENT UP TO ELEV. 38 FT. OR UP TO THE TOE OF END BENT END SLOPE ELEVATION.
2. PLACE GEOTEKSTILE FOR EMBANKMENT STABILIZATION.
3. PLACE AND COMPACT SELECT GRANULAR MATERIAL.
4. CONSTRUCT THE EMBANKMENT TO FINISHED GRADE.
5. OBSERVE A TWO MONTHS WAITING PERIOD BEFORE BEGINNING END BENT CONSTRUCTION.

ESTIMATED QUANTITIES

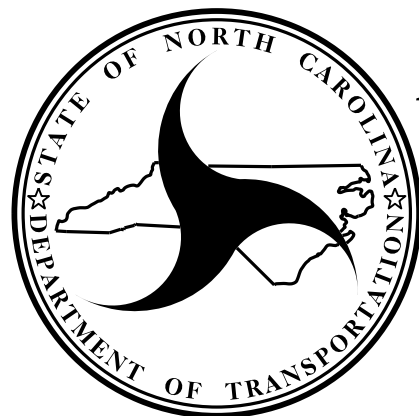
GEOTEKSTILE FOR EMBANKMENT STABILIZATION	3,240 SY
SELECT GRANULAR MATERIAL	3,240 CY



BRIDGE ON -Y10- OVER -L-,END BENT 1 & END BENT 2
TYPICAL SECTION PERPENDICULAR TO -L-

(NOT TO SCALE)

PREPARED BY: THEIN T. ZAN	DATE: 02/2015
REVIEWED BY: JAMES R. BATTS	DATE: 02/2015



NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

GEOTECHNICAL
ENGINEERING UNIT

BRIDGE APPROACHES ON -Y10-
GEOTEKSTILE FOR
EMBANKMENT STABILIZATION
DETAILS

REVISIONS					
NO.	BY	DATE	NO.	BY	DATE
1	-	3	-	-	-
2	-	4	-	-	-